

IFW



PATENT  
ATTORNEY DOCKET NO.: 053933-5058

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Byoung-Chan KIM, <i>et al.</i>	)	Confirmation No.: 4365
	)	
Application No.: 10/720,484	)	Group Art Unit: 2826
	)	
Filed: November 25, 2003	)	Examiner: A. Williams
	)	
For: CENTER-BONDING PAD TYPE BGA	)	
PACKAGE HAVING SEMI-	)	
CONDUCTOR CHIP WITH EDGE-	)	Mail Stop Amendment
BONDING METAL PATTERNS FORMED)	)	
THEREON (As Amended)	)	

**Mail Stop Amendment**  
Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314  
Sir:

**AMENDMENT TRANSMITTAL FORM**

1. Transmitted herewith is an Amendment responding to the Office Action dated November 9, 2004.

2. Additional papers enclosed:

- ☐ Drawings: ☐ Formal ☐ Informal (Correction)
- ☐ Information Disclosure Statement
- ☐ Form PTO-1449, \_\_\_\_\_ references included
- ☐ Citations
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.

3. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

☒ Applicants believe that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicants have inadvertently overlooked the need for a petition and fee for extension of time.

☐ Applicants petition for an extension of time, the fees for which are set out in 37 C.F.R. § 1.17(a), for the total number of months checked below:

<u>Total Months Requested</u>	<u>Fee for Extension</u>	<u>[Fee for Small Entity]</u>
<input type="checkbox"/> one month	\$ 120.00	\$ 60.00
<input type="checkbox"/> two months	\$ 450.00	\$ 225.00
<input type="checkbox"/> three months	\$ 1,020.00	\$ 510.00
<input type="checkbox"/> four months	\$ 1,590.00	\$ 795.00

Extension of time fee due with this request: **\$ 0.00.**

If an additional extension of time is required, please consider this a Petition therefor.

☐ An extension for \_\_\_\_ months has already been secured and the fee paid therefor of \$\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

4. Constructive Petition

☒ EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

5. Fee Calculation (37 C.F.R. §1.16)

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		Highest No. Previously Paid	Present Extra	at Rate of	Total Fees
Total Claims (37 C.F.R. §1.16(c))	15	minus	20	0	x \$50 each=	+ \$
Independent Claims (37 C.F.R. §1.16(b))	4	minus	4	0	x \$200 each=	+ \$
[ ] First presentation of Multiple dependent claim(s)					\$360.00	+ \$
SUB-TOTAL =						\$
Reduction by ½ for filing by a small entity						- \$
TOTAL FEE =						\$0.00

6. Fee Payment

- ☒ No fee is to be paid at this time.
- ☐ The Commissioner is hereby authorized to charge \$ 0.00 for the -month extension of time fee due to Deposit Account No. 50-0310.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, including fees due under 37 C.F.R. §§ 1.16 and 1.17, or credit any overpayment to Deposit Account 50-0310.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**By: 

Sunwoo Lee

Reg. No. 43,337

Dated: February 2, 2005**CUSTOMER NO. 09629****MORGAN, LEWIS & BOCKIUS LLP**

1111 Pennsylvania Avenue, N.W.

Washington, D.C. 20004

Telephone: (202) 739-3000

Facsimile: (202) 739-3001



PATENT  
ATTORNEY DOCKET NO.: 053933-5058

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Byoung-Chan KIM, <i>et al.</i>	)	Confirmation No.: 4365
	)	
Application No.: 10/720,484	)	Group Art Unit: 2826
	)	
Filed: November 25, 2003	)	Examiner: A. Williams
	)	
For: CENTER-BONDING PAD TYPE BGA	)	
PACKAGE HAVING SEMI-	)	
CONDUCTOR CHIP WITH EDGE-	)	<b>MAIL STOP AMENDMENT</b>
BONDING METAL PATTERNS FORMED)	)	
THEREON (As Amended)	)	

**MAIL STOP AMENDMENT**  
Commissioner for Patents  
U.S. Patent and Trademark Office  
Alexandria, VA 22314

Sir:

**AMENDMENT**

In response to the Office Action dated November 9, 2004, the period for response to which extends through February 9, 2005, please amend the above-identified application as follows:

**IN THE TITLE:**

Please amend the title of the invention as follows:

-- CENTER-BONDING PAD TYPE BGA PACKAGE HAVING SEMICONDUCTOR  
CHIP WITH EDGE-BONDING METAL PATTERNS FORMED THEREON ~~AND METHOD~~  
~~OF MANUFACTURING THE SAME~~ --.